

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004813

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B07B1/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/057140 A1 (HUKKI ARI M ET AL) 27 March 2003 (2003-03-27) page 2, paragraph 22 - paragraph 27; figures 5-7 -----	25
Y	US 5 226 546 A (JANSSENS ET AL) 13 July 1993 (1993-07-13) column 3, line 17 - line 41 figures 2,3 -----	1
A	GB 2 059 807 A (RUSSELL FINEX LTD) 29 April 1981 (1981-04-29) page 1, line 50 - line 64 page 2, line 14 - line 74 -----	2,16-20
Y	-----	1
A	-----	2,11-17
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

6 June 2005

Date of mailing of the international search report

15.06.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax (+31-70) 340-3016

Authorized officer

Militzer, E

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004813

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 096 210 A (HAZRATI ET AL) 1 August 2000 (2000-08-01) column 4, line 26 - line 36	1
A	column 1, line 10 - line 18; figure 2 -----	2,11,12, 16,17,27
Y	DE 202 11 833 U1 (BLAZEJ, JAROSLAV) 14 November 2002 (2002-11-14) page 4, paragraph 1	1
A	figures 1,2 -----	2,11,12, 16,17
A	US 3 422 955 A (WALTON L. MOCK ET AL) 21 January 1969 (1969-01-21) column 5, line 66 - line 71 -----	27
A	US 4 755 287 A (JONES ET AL) 5 July 1988 (1988-07-05) column 3, line 2 - line 18 column 3, line 65 - column 4, line 2 -----	27

INTERNATIONAL SEARCH REPORT**PCT/GB2004/004813****Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 33 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 33

Present claims 33 relate to an extremely large number of possible separators. In fact, the claims contain so many options that a lack of clarity (and conciseness) within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claims impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear (and concise), namely claims 1 -32.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24, 26* (*as dependent to claims 1- 24)

A screen separating apparatus having expandable clamping means and clamping members movable between a deployed and non-deployed position.

2. claims: 25, 26* (*as dependent to claim 25)

A vibratable screen separator having at least two clamping members for the sieve.

3. claims: 27-32

A screen separating apparatus comprising a sheath forming a space with a cover and a hopper, the space being pressurized.

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004813

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003057140	A1	27-03-2003	US	6513665 B1		04-02-2003
			AU	1247201 A		14-05-2001
			CA	2389371 A1		10-05-2001
			EP	1227896 A2		07-08-2002
			NO	20022070 A		25-06-2002
			WO	0133186 A2		10-05-2001
US 5226546	A	13-07-1993	EP	0583370 A1		23-02-1994
			US	5255789 A		26-10-1993
			WO	9219392 A1		12-11-1992
GB 2059807	A	29-04-1981	NONE			
US 6096210	A	01-08-2000	US	5951864 A		14-09-1999
			DE	19747337 A1		30-04-1998
			GB	2318533 A ,B		29-04-1998
			GB	2327897 A ,B		10-02-1999
			US	6089380 A		18-07-2000
DE 20211833	U1	14-11-2002	CZ	12165 U1		12-06-2002
US 3422955	A	21-01-1969	NONE			
US 4755287	A	05-07-1988	CA	1252424 A1		11-04-1989